

Service Hints

FAQ of HDAVI Control for 600/60 (PDP/LCD) Series



⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

Lists of FAQs

1) FAQ's before sales

	Question	Answer
1	Is this HDAVI CONTROL feature a worldwide protocol to be controlled by Infrared Rays remote controller?	<ul style="list-style-type: none"> •The answer to this question is No. •This feature uses the standardized protocol as one of the HDMI standards. •Support of this feature is optional for manufacturers of HDMI-compliant devices. •In January 2006, the HDMI specifications version 1.2a was released, and the test specifications of this protocol were made clear from this version, making it possible for manufacturers to obtain the HDMI logo certifications.
2	Is this HDAVI Control protocol similar to Q-Link (Europe) of scart cable?	HDAVI CONTROL signal is sent through 13 pins of the HDMI cable. Also, the protocol is very similar to Q-Link, AV-Link, and Project 50 of the scart cable. In this regard, the answer to this question is YES.
3	Are the functions of the HDAVI CONTROL common to VIERA, DIGA, AV products and other Panasonic products?	By connecting Panasonic products in certain combinations, the system will provide the functions that are suited to their particular configuration. If the combined products are in the same product category, the functions of the HDAVI CONTROL are the same. (For spring 2006 models) For example, if connecting a VIERA and a DIGA, and if the DIGA model is replaced with each type model, the functions HDAVI CONTROL provides are the same. However, for an LCD VIERA, which is to be released in spring 2006, there are some differences in functions as shown in answers to question 4 below.
4	Are there any functional differences between PDP and LCD?	PDP released in 2006 are compliant with functions of the Theater System and can be used with all HDAVI CONTROL functions.
	For European model:	With the LXD60 (LCD) series for the UK and the LX60 (LCD) series for the other European countries, the HDAVI CONTROL functions only for the VIERA and DIGA in combination. It does not function with linking the Theater System such as outputting sound from the Theater. => With the 600 (LCD) series, the HDAVI CONTROL functions with the entire system.
	For American model:	With the LCD VIERA, the HDAVI CONTROL functions only for between VIERA and DIGA. It does not function with linking the Theater System such as outputting sound from the Theater.
	For Asian and the other countries model:	With LX60 (LCD) series, the HDAVI CONTROL functions only for the VIERA and DIGA in combination. It does not function with linking the Theater System such as outputting sound from the Theater. => With the 600 (LCD) series, the HDAVI CONTROL functions with the entire system.
	For Japanese model:	The LX60 (LCD) series is not compliant with the HDAVI CONTROL. => With the 600 (LCD) series, the HDAVI CONTROL functions with the entire system.
5	If connected with competitors' devices, will the HDAVI CONTROL feature operate? In addition, will be there any problems?	<p>There are no competitors' devices that use this HDAVI CONTROL feature as of February 2006.</p> <p>If CEC- (which is clearly stated as one of the HDMI standards) compliant devices are made in the future (devices that are not compliant with the HDAVI CONTROL but are with the CEC only that are standardized by the HDMI standard), the features of "Auto Input Select" and "VIERA ONE TOUCH POWER-OFF" will function. Features related to the Theater System are unique to the HDAVI CONTROL, so they will not function.</p>

	Question	Answer
6	What are the differences between the standard CEC functions and Panasonic's HDAVI CONTROL? Are there any special features?	The control signals in the HDMI are standardized in the industry. Based on the HDMI standard, the HDAVI CONTROL is realized by adding our unique control signals by following the regulated system in the HDMI standard. To protect these unique Matsushita technologies, we have applied for intellectual-property patents. The Home Theater linking features are Matsushita's original technology.
7	What are the differences with the Q-Link (Europe) operation?	Please refer to "6. Functional Comparison Table of Europe Q-Link vs. HDAVI CONTROL" in the last section.
8	Can I record the images (programs) that I am watching if I press the RECORD button on the remote controller of the DIGA?	If you wish to record the images (programs) that are displayed by the VIERA's tuner using the DIGA's remote controller, you must set the DIGA's tuner to select the same images that are displayed by the VIERA's tuner. Then it is possible to record the images. (This is the same specifications as before.)
9	What kind of images will be displayed after stopping the PLAY mode?	With European models, they return to images displayed by the TV tuner. For the other models, the DIGA's images will be displayed.
10	The HDAVI CONTROL functions in both the HDMI 1 and 2 series. Is there any priority between the two?	Japan model: If two or more DIGAs are connected to the VIERA, the priority goes to the DIGA that is connected to the HDMI 1. All models: Automatic input switching has no priority in the HDMI terminals. Later input overrides the previous one and switches the input.
11	If the amplifier is turned off manually while replaying the DVD with the amplifier outputting sound, will the VIERA's speaker output sound.	Yes, the VIERA's speaker will output sound.
12	If the amplifier is turned on manually while replaying the DVD and the sound output is switched, can I control the sound volume using the VIERA's remote controller?	No, you cannot control the volume with the VIERA's remote controller; you can only do so by turning on the amplifier manually. From the Menu in the VIERA, please select and set "Output sound from the AV amplifier (Home Theater)". Then you will be able to control the volume of the AV amplifier with the VIERA's remote controller.
13	Are there any functional differences in the HDAVI CONTROL in AV amplifiers by each regional market (American, Europe, Asia and China)?	No.
14	Even within the same regional market, the HDAVI CONTROL features function differently between the PDP and LCD. Why?	Because the hardware and software are different, the functions that can be used are different.
15	How can you determine whether VIERA recognizes devices that are connected to it? If VIERA does not recognize a device, how can you find this out?	Turn on the power of all HDAVI CONTROL-compliant devices and then turn off the VIERA's power. Check to see if the devices are turned off. (This is based on the assumption that the HDAVI CONTROL in each device is not set to OFF.) If a device does not function properly, turn on the power of all the devices again; then turn off and on the power of the VIERA (TV); and replay the DIGA and check to see if the images are displayed on the TV screen properly. (Input switching to TV <u>must be done manually</u> .)

	Question	Answer
16	If you turn off the power of the VIERA while the DIGA is recording, will recording be stopped?	No, it will not be stopped. The original DIGA specifications have priority and the power is not turned off. <Cases in which the power of the DIGA is NOT turned off.> During dubbing, finalizing, formatting, protect setting and protect clearing process and erasing process, the DIGA will not be turned off according to the basic specifications.
17	Can the HDAVI CONTROL feature be used only with Panasonic products? Why?	Yes, it can be used only with Panasonic products. This is because the HDAVI CONTROL is realized by adding our original control signals based on the HDMI control signal standard.
18	There are TVs that can be used with the Theater System with the HDAVI CONTROL and there are some that cannot be used. How can you distinguish them?	You can identify usable TVs by their model numbers with HDAVI CONTROL indication.
19	Which buttons on the DVD recorder's remote controller can be used so that the TV automatically switches input to the DVD recorder?	They are the PLAY button and/or the button that displays the GUI Menu (program table, replay navigation and etc.)
20	If the power plug of the AV amplifier is pulled out, can the replay sound signal of the DVD recorder be sent to the TV?	No, it cannot.
21	Power to the TV is automatically turned on if the PLAY button of the DVD recorder is pressed. Then, if the DVD is turned off after watching the DVD, will the power to the TV be turned off automatically?	No, the TV's power is not turned off. If you turn off the TV, then the power to the DVD recorder (DIGA) will turn off, too.

2) FAQ for after sales

	Question	Answer
1	Does this HDAVI CONTROL function when I watch a VHS video at input 1?	No, it does not. It only functions with HDAVI CONTROL-compliant devices that are connected with HDMI cables.
2	The DIGA was replaced because of its defects. With the new DIGA, the HDAVI CONTROL feature does not function. Why is this and how can I fix it?	It is necessary for the HDAVI CONTROL to memorize again the information of each device connected. Turn on the power of all devices and turn off and on the power of the TV once. Then, replay the DIGA and check to see if the images are properly displayed on the TV screen. (Input switching to TV <u>must be done manually</u> .)
3	All devices were functioning properly before. Why does only the HDAVI CONTROL feature not function properly?	This depends on what has made the HDAVI CONTROL feature stop functioning.
4	When I purchase the HDMI cable to use the HDAVI CONTROL, what indication shall I check and where can I find it?	Please confirm the presence of the “HDMI standard certified” indication on the package.
5	When the DVD recorder cannot be controlled with the TV remote controller, how can I check to determine what is the source of the problem -- the TV, the DVD recorder or the HDMI cable?	First of all, set all the settings by following the initial installation procedure and check that you can watch the video and hear the audio. Then, reconfirm the setting contents if all the HDAVI CONTROL features do not function or some of the features do not function, depending on the operating situation.
6	Even if the PLAY button on the DVD recorder is pressed, the TV's power does not turn on. Is this a malfunction? How can this be repaired?	Please check to see that the “Control with HDMI” setting on the VIERA is set to ON. In the VIERA's setting, confirm that the “One Touch Power ON” is set for activation. (European VIERA has no individual setting for One Touch Power ON, but if the “Control with HDMI” is set to ON, it turns on when the DVD recorder is turned on.)
7	Even when the power to the TV is turned off with the remote controller, the DVD recorder and the AV amplifier do not turn off with the remote controller. Is this a malfunction? How can this be repaired?	Please check to see that the “Control with HDMI” setting on the VIERA is set to ON. In the VIERA's setting, confirm that the “One Touch Power OFF” is set for activation. (European VIERA has no individual setting for One Touch Power OFF, but if the “Control with HDMI” is set to ON, it turns on when the DVD recorder is turned on.)
8	I want to output audio from the AV amplifier using the TV remote controller, but the operation menu is not displayed on the TV screen. Is this a malfunction of the device? Or is it a problem in connecting a cable or in a setting? How can I find the cause of this problem?	Turn on the power of all devices and then turn off and on the TV once. Then, check to see that the operation menu of “Output audio from AV amplifier (Home Theater)” is displayed on the TV screen.
9	When pointing the AV amplifier's remote controller toward the TV, even if I press the One Touch PLAY button, nothing happens. No replay images of DVD are displayed. Why? How can the DVD images be displayed?	Please point the remote controller toward the DIGA (DVD recorder), not toward the TV.

	Question	Answer
10	When switching the AV amplifier to output sound, the video is momentarily interrupted even though this operation involves only the audio. Why?	This happens when the sound output is switched during playback of a DVD in the DIGA. (This does not happen when a TV program is being broadcast through the VIERA tuner.) In order to switch the sound channel, the format of the sound signal output from the DIGA must be converted from 2 ch signals for TVs to multi-channel signal for amplifiers. During this conversion process, the AV signal output from the DIGA is interrupted momentarily, the sound format is changed, and then output resumes, thereby interrupting the video.
11	Only the AV amplifier is not a Panasonic brand product, but the system is connected with the HDMI cable. Can the HDAVI CONTROL feature be used?	Some of the link functions of the VIERA and DIGA will operate; however, since input switching of the amplifier does not function automatically, there may be cases in which both the audio and video will not be replayed.
12	Are there any lists of HDMI cable manufacturers and model numbers that can be used with the HDAVI CONTROL feature?	Please refer to our Matsushita Electric Industrial Panasonic support sites. Japan site: http://panasonic.jp/support/info/hdmi.html Global site: http://panasonic.co.jp/pavc/global/cs/info/hdmi.html
13	I bought a TV and a DVD recorder this year, and would like to buy an AV amplifier next year or later. Can the HDAVI CONTROL feature be used with products that will be released next year or later	We are going to design our products so that the HDAVI CONTROL can be used in such cases.
14	Even if I lose the remote controller of the DVD recorder (DIGA), can I use the TV's (VIERA's) remote controller to control the DVD recorder?	With the VIERA's remote controller, you can control the basic operation of the DIGA. However, you cannot operate all the features.
15	Even if I lose the remote controller of the TV (VIERA), can I use the DVD recorder's (DIGA's) remote controller to control the TV?	With the DIGA's remote controller, you can control the power, channels, volume and broadcast input switching. For the other operations, please use the VIERA's remote controller.
16	What is the longest HDMI cable available?	The longest cable made by Panasonic is 10 m (as of March 2006).
17	Can cable manufacturers answer an inquiry if the HDAVI CONTROL feature is used with their cables? (Does HDAVI CONTROL feature have any standard known in the industry?)	Any cables that are compliant with the HDMI standard can be used with the HDAVI CONTROL feature.
18	Why is it necessary to connect the TV and the AV amplifier with the optical digital audio cable or Analogue audio cable, even if the HDMI cable is connected?	The transmission of video/sound signals of the HDMI is one-way; therefore, in order to output the TV broadcasting sound from the AV amplifier, it requires the cable that transmits sound signal from the TV to the amplifier.

	Question	Answer
19	I use the #2 remote control mode of the DVD recorder. Does this interrupt the use of the HDAVI CONTROL feature?	Yes, it does.
20	I usually listen to music CDs played in the DVD player, with the speakers connected to the AV amplifier. However, if the TV is turned off, both the AV amplifier and the DVD player are turned off, too. Why? Is it possible to prevent the AV amplifier and the DVD player from turning off?	<p>The One Touch Power-OFF feature is convenient for turning off the other devices when you want turn off the VIERA with the remote controller.</p> <p>If you want to turn off the VIERA only while the CD is playing:</p> <p>For European model:</p> <p>Please turn off the main power of the VIERA.</p> <p>For Asian and the other countries model:</p> <p>Please turn off the main power of the VIERA.</p> <p>For American model:</p> <p>Please turn off the power off link and turn off the power of VIERA.</p>